

# Vi2001

## Single port MaxiiGuard™ Ethernet Surge protector

### Features

- Direct in line port plug in module saving valuable equipment space
- Innovative direct in line port plug in module saving valuable equipment space
- Ability to choose only those ports that require extra protection
- The best protection for standard and extended UTP Ethernet runs
- Provides addition port protection for cameras, DVRs and NVRs
- Compatible with 10/100/1000 BaseT port
- Does not require extra ground cable
- Compatible with PoE 802.3af and 802.3at
- Tested and certified to EN61000-4-5 and EN55024 surge standards



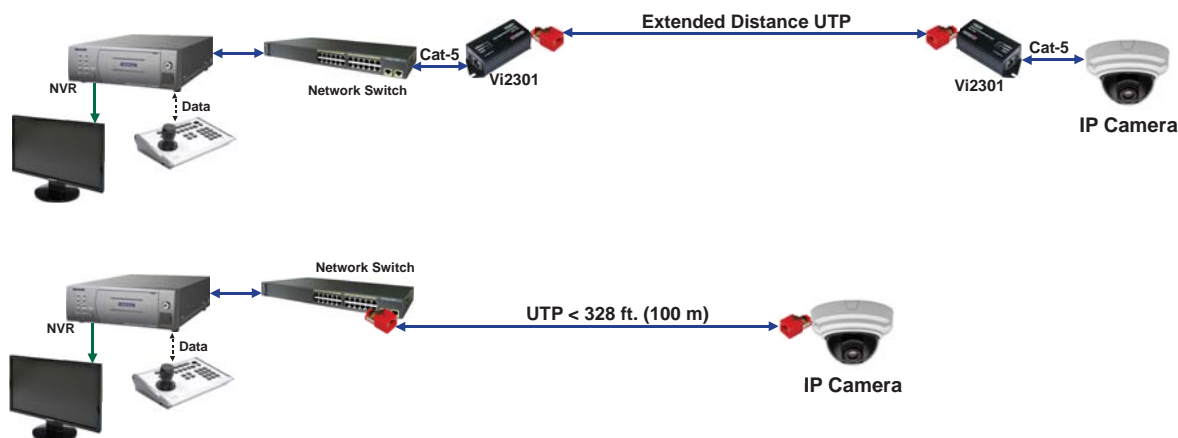
### Applications

- UTP Ethernet cable runs subject to exposed elements or operating close to power line and other electrically powered equipment
- Extended distance UTP cable runs
- Ethernet Networks in industrial environment
- IP cameras and other network equipment operating in uncontrolled environments such as parking lots, warehouses and perimeter applications

Vigtron's Vi2001 in line Ethernet surge protector is designed to provide protection where cable runs can be subject to electric spikes from outside environmental sources. These spikes can damage equipment. The Vi2001 minimizes this potential by its built in ability to self-discharge these spikes.

Its small format and easy to install is compatible with any RJ45 connector without the need for additional mounting or separate ground cable. Port data transfer is provided at 10/100/1000BaseT. The Vi2001 requires the shield of RJ45 connectors to be connected to chassis ground.

### Application Diagrams



# Technical Specification\*

## Electrical

Ethernet Interface	Standard 10/100/1000BaseT, MaxiiCopper Extended 10/100 Ethernet
UTP	Category 5 or higher
Power Supply	No power required
Status LEDs	Traffic, Link Through light-pipe
Connectors	Male RJ-45, Female RJ-45
GND Connection	Through Metal Tab
Compatible with	IEEE 802.3af PoE, IEEE 802.3at PoE

## Environmental

Humidity	0 to 95%, non-condensing
Temperature	Operating: -40°C to +75°C Storage: -40°C to +85°C

## Compliance

Tested and Certified for	IEC 61000-4-2: ESD @ 15Kv (air), 8Kv (contact) EC 61000-4-5: Lighting @ 8/20us IEC 61000-4-2: 2006 EN55024
Compliance Category	B
Let through voltage <sup>1</sup>	5Kv (air) 8Kv (contact)

## Mechanical

Dimensions	0.55x0.63x1.1 in., 14x16x28 mm (HxWxL)
Weight	0.009 lb, 4 g

\*Specifications subject to change without notice.

## Ordering Information

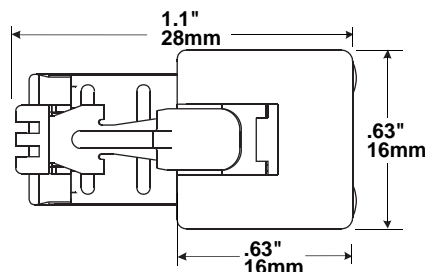
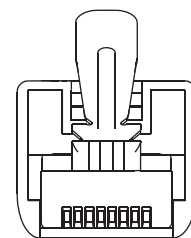
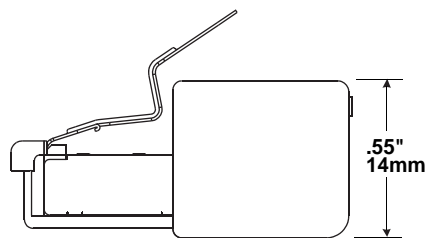
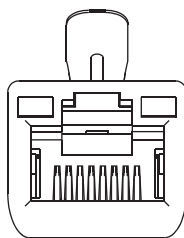
PART No.	Description
Vi2001	Inline Ethernet Surge Protector

## System Configuration

Extended Distance UTP



Standard Distance UTP



TEL (+1) 858-484-5209 • FAX (+1) 858-484-1205  
13906 Sparren Ave. San Diego, CA 92129, USA • info@vigatron.com • www.vigatron.com

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